



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re application of: McLaggan et al.

Attorney Docket No.: CISC329/6641

Application No.: 10/632,704

Examiner: UNASSIGNED

Filed: July 31, 2003

Group: 2661

Title: DISTRIBUTING AND BALANCING  
TRAFFIC FLOW IN A VIRTUAL  
GATEWAY

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as first-class mail on April 26, 2004 in an envelope addressed to the Commissioner for Patents, P.O. Box 1450 Alexandria, VA 22313-1450.

Signed: \_\_\_\_\_

Leslie Russell

**INFORMATION DISCLOSURE STATEMENT  
37 CFR §§1.56 AND 1.97(b)**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

The references listed in the attached PTO Form 1449, copies of which are attached, may be material to examination of the above-identified patent application. Applicants submit these references in compliance with their duty of disclosure pursuant to 37 CFR §§1.56 and 1.97. The Examiner is requested to make these references of official record in this application.

This Information Disclosure Statement is not to be construed as a representation that a search has been made, that additional information material to the examination of this application does not exist, or that these references indeed constitute prior art.

This Information Disclosure Statement is: (i) filed within three (3) months of the filing date of the above-referenced application, (ii) believed to be filed before the mailing date of a first Office Action on the merits, or (iii) believed to be filed before the mailing of a first Office Action after the filing of a Request for Continued Examination under §1.114. Accordingly, it is believed that no fees are due in connection with the filing of this Information Disclosure Statement. However, if it is determined that any fees are due, the Commissioner is hereby authorized to charge such fees to Deposit Account 500388 (Order No. CISC329).

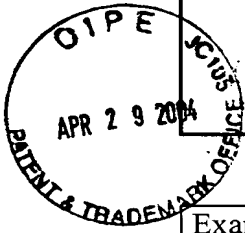
Respectfully submitted,

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<b>Form 1449 (Modified)</b>  <b>Information Disclosure Statement By Applicant</b>  (Use Several Sheets if Necessary)	<b>Atty Docket No.</b> CISCP329/6641 <b>Applicant:</b> Wilson et al. <b>Filing Date</b> July 31, 2003	<b>Application No.:</b> 10/632,704  <b>Group</b> 2661
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**U.S. Patent Documents**

Examiner Initial	No.	Patent No.	Date	Patentee	Class	Sub- class	Filing Date
	A1	5,473,599	12/05/99	Li et al.			
	A2	5,016,244	05/91	Massey, Jr. et al.			
	A3	5,018,133	05/91	Tsukakoshi et al.			
	A4	5,218,600	06/93	Schenkyr et al.			
	A5	4,692,918	09/87	Elliot et al.			
	A6	5,371,852	12/06/94	Attanasio, et al.			
	A7	5,572,528	11/05/96	Shuen			
	A8	5,729,537	03/17/98	Billstrom			
	A9	5,825,759	10/20/98	Liu			
	A10	5,943,604	08/24/99	Chen et al.			
	A11	5,862,451	02/19/99	Grau et al.			
	A12	5,793,763	08/11/98	Mayes et al.			
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	A15	6,195,705	02/27/01	Lueng			
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	Applicant:	
	Wilson et al.	
	Filing Date	Group
	July 31, 2003	2661

	A35	6,016,388	01/18/00	Dillon			
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	A45	6,446,121	9/3/02	Shah et al.			
	A46	6,298,381	10/2/01	Shah et al.			

**Foreign Patent or Published Foreign Patent Application**

Examiner Initial	No.	Document No.	Publication Date	Country or Patent Office	Class	Sub-class	Translation	
							Yes	No
	B1	WO98/31107	07/16/98	WIPO				

**Other Documents**

Examiner Initial	No.	Author, Title, Date, Place (e.g. Journal) of Publication
	C1	Release notes for 3Com Corporation, "NETBuilder Family Bridge/Router", Pages 27-29, (March 1994).
	C2	J. Moy, RFC 1247 "OSPF Version 2", July 19, 1991.
	C3	D. Oran, RFC 1142 "OSI IS-IS Intra-domain Routing Protocol ", February 1990.
	C4	Black, Uyless, "TCP/IP and Related Protocols", McGraw-Hill, Inc., pp. 226-249, 1992
	C5	T. Li, <i>et al.</i> , RFC 2281 "Cisco Hot Standby Router Protocol (HSRP)," March 1998.
	C6	K. Egevang <i>et al.</i> , "The IP Network Address Translator (NAT)", Network Working Group, PP. 1-10, May 1994.
	C7	Y. Rekhter, <i>et al.</i> , "Address Allocation for Private Internets," RFC: 1918, Network Working Group, February 1996, 9 Pages.
	C8	P. Srisuresh, <i>et al.</i> , "Load Sharing Using IP Network Address Translation (LSNAT)," RFC: 2391, Network Working Group, August 1998, 18 Pages.

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	C9	P. Srisuresh, et al, " <i>IP Network Address Translator (NAT) Terminology and Considerations</i> ," RFC: 2663, Network Working Group, August 1999, 30 Pages.
	C10	E. Gerich, " <i>Guidelines for Management of IP Address Space</i> ," RFC: 1466, Network Working Group, May 1993, 10 Pages.
	C11	Chambless, <i>et al.</i> , "Home Agent Redundancy Protocol (HARP)," October 27, 1997.
	C12	Network Working Group, RFC 2002 "IP Mobility Support," October 1996.
	C13	Jayasanen, et al. " <i>Stateful Network Address Translation Protocol Implemented Over a Data Network</i> ," U.S. Patent Application No. 09/735,199, filed December 11, 2000, 67 Pages
	C14	Leung, et al. " <i>Method and Apparatus for Implementing Home Agent Redundancy</i> ," U.S. Patent Application No. 10/008,494, filed November 9, 2001, 53 Pages
	C15	Kent Leung, " <i>Mobile IP Mobility Agent Standby Protocol</i> ," U.S. Patent Application No. 09/714,466, filed November 14, 2000, 51 Pages
	C16	C.E. Perkins and T. Jagannadh, " <i>DHCP for Mobile Networking with TCP/IP</i> ," IBM, Watson Research Center IEEE, April 1995
	C17	Eager et al., "Adaptive Load Sharing in Homogeneous Distributed Systems," IEEE, Transactions on Software Engineering, Vol. Se-12, No. 5, May 1986, PP 662-675
	C18	Akamai Technologies, Inc. -Global Internet Content Delivery-"How FreeFlow Works," <a href="mailto:webmaster@akamai.com">webmaster@akamai.com</a> 1999-2000.
	C19	Digital Island, Inc. -e-Business Without Limits-, "Enabling Technologies," <a href="http://www.digisle.net">http://www.digisle.net</a> . No date.
	C20	Internap, "Preferred Collocation Services," <a href="http://www.internap.com">http://www.internap.com</a> Copyright © 2001 Internap Network Services Corporation.
	C21	D. Farinacci, et al., Request For Comments No. 2784, entitled, "Generic Routing Encapsulation (GRE)," March, 2000, Network Working Group, 9 pages.

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	C23	Information Sciences Institute, Request for Comments No. 793, entitled, "Transmission Control Protocol – DARPA Internet Program – Protocol Specification," September, 1981, Internet Engineering Task Force, 49 pages.
	C24	David M. Gifford, "Replica Routing," U.S. Patent Application No. 09/472,964, Filed December 28, 1999, 37 pages.
	C25	Lu et al., "Automatic Network Addresses Assignment and Translation Interference," U.S. Provisional Patent Application No.: 60/160,535, Filed October 20, 1999, 127 pages.
	C26	Lu et al., "Method and Apparatus for Automatic Network Address Assignment," U.S. Provisional Patent Application No.: 60/178,063, Filed January 24, 2000, 74 Pages
	C27	Johnson et al., "Method and Apparatus for Determining a Network Topology in the Presence of Network Address Translation," U.S. Provisional Patent Application No.: 60/178,062, Filed January 24, 2000, 32 Pages
	C28	Toole et al., "Fast-Changing Network Status and Load Monitoring and Feedback," U.S. Provisional Patent Application No.: 60/177,985 Filed January 25, 2000, 20 Pages
	C29	Kirk Johnson, "A Method and Apparatus for Minimalist Approach to Implementing Server Selection," U.S. Provisional Patent Application No.: 60/177,415, Filed January 21, 2000, 39 Pages
	C30	3Com Corporation, "Configuring Boundary Routing System Architecture," NETBuilder Family Bridge/Router Release Notes, March 1994, pp.26-29
	C31	Dhaval N. Shah, "A System and Method for Selecting Service with Dynamically Changing Information," Application No. 09/287,213, filed April 5, 1999, 57 pages
	C32	Swenson et al., "System and Method for Resolving an Electronic Address," Application No. 09/234,928, filed January 21, 1999, 26 Pages
	C33	Nosella et al., "Gateway Load Balancing Protocol," U.S. Patent Application No. 09/883,674, filed June 18, 2001, 48 Pages
Examiner		Date Considered

Examiner: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.